

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q76440

Lieven TRAPPENIERS, et al.

Appln. No.: Not Assigned

Confirmation No.: Not Assigned

Group Art Unit: Not Assigned

Filed: July 11, 2003

Examiner: Not Assigned

For: METHOD, COMPUTER SOFTWARE PRODUCTS, CLIENT TERMINAL, NETWORK  
ELEMENT AND NETWORK FOR EFFICIENT USE OF NETWORK RESOURCES BY  
JUST-IN-TIME MODULATION OF QUALITY OF SERVICE BASED ON SERVICE  
USAGE AND USER BEHAVIOR

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby  
notify the U.S. Patent and Trademark Office of the documents which are listed on the attached  
PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem  
material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, along with a copy of the  
corresponding Communication from a Foreign Patent Office.

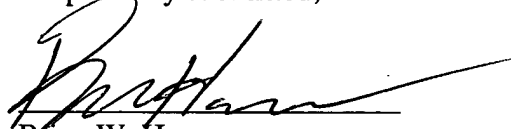
The present Information Disclosure Statement is being filed: (1) No later than three  
months from the application's filing date for an application other than a continued prosecution  
application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the

INFORMATION DISCLOSURE STATEMENT  
Attorney Docket No. Q76440

merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



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WASHINGTON OFFICE



23373

PATENT TRADEMARK OFFICE

Date: July 11, 2003

Substitute for Form 1449 A & B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	Not Assigned
				Confirmation Number	Not Assigned
				Filing Date	July 11, 2003
				First Named Inventor	Lieven TRAPPENIERS
				Art Unit	Not Assigned
Examiner Name	Not Assigned				
Sheet	1	of	1	Attorney Docket Number	Q76440

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		WO	01/50278	A1	07-12-2001	APPSPOINT	Yes
		EP	0 883 075	A2	12-09-1998	Northern Telcom Limited	Yes
		WO	99/44335	A2	09-02-1999	Seiko Epson Corporation Turnkey Solutions Corporation	Yes
		EP	1 202 528	A2	05-02-2002	Alcatel USA Sourcing, L.P.	Yes
		EP	1 158 740	A1	11-28-2001	Sony International GmbH	Yes
		EP	1 021 015	A2	07-19-2000	Fujitsu Limited	Yes

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		International Telecommunication Union, ITU-T E.800, Telephone Network and ISDN, Quality of Service, Network Management and Traffic Engineering, Terms and Definitions Related to Quality of Service and Network Performance Including Dependability, August 1994, pages 1-53.	Yes
		JAMES WON-KI HONG, ET AL: "A COBRA-Based Quality of Service Management Framework for Distributed Multimedia Services and Applications", IEEE Network, IEEE Inc. New York, US, vol. 13, no. 2, March 1999, XP-000875023, pages 70-79.	Yes

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.